

Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/743,722
				Filing Date	December 24, 2003
				First Named Inventor	Adriana DUMITRAS
				Art Unit	2621
				Examiner Name	David N. Werner
Sheet	1	of	2	Attorney Docket Number 13316/3276	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	1	JUNGWOO LEE and BRADLEY W. DICKINSON, "Rate-Distortion optimized frame type selection for MPEG encoding," IEEE Trans. on Circuits and Systems for Video Technology, June 1997, pp. 501-510, vol. 7, no. 3			
	2	MARKUS FLIERL, T. WIEGAND, and B. GIROD, "Rate-constrained multihypothesis prediction for motion-compensated video compression," IEEE Trans. on Circuits and Systems for Video Technology, Nov. 2002, pp. 957-969, vol. 12, no. 11			
	3	MARKUS FLIERL, and B. GIROD, "Generalized B pictures and the Draft H.264/AVC video compression standard," IEEE Trans. on Circuits and Systems for Video Technology, July 2003, pp. 587-597, vol. 13, no. 7			
	4	STEPHAN WENGER, "H.264/AVC over IP," IEEE Trans. on Circuits and Systems for Video Technology, July 2003, pp. 645-656, vol. 13, no. 7			
	5	ZHIHAI HE, Y.K. KIM, and S.K. MITRA, "Low-delay rate control for DCT video coding via ρ -domain source modeling," IEEE Trans. on Circuits and Systems for Video Technology, Aug. 2001, vol. 11, no. 8			
	6	ZHIHAI HE and S.K. MITRA, "Optimum bit allocation and accurate rate control for video coding via ρ -domain source modeling," IEEE Trans. on Circuits and Systems for Video Technology, Oct. 2002, pp. 840-849, vol. 12, no. 10			
	7	ZHIHAI HE and S.K. MITRA, "A unified rate-distortion analysis framework for transform coding," IEEE Trans. on Circuits and Systems for Video Technology, Dec. 2001, pp. 1221-1236, vol. 11, no. 12			
	8	DEEPAK TURAGA and T. CHEN, "Classification based mode decisions for video over networks," IEEE Trans. on Multimedia, Mar. 2001, pp. 41-52, vol. 3, no. 1			
	9	JUNGWOO LEE and BRADLEY W. DICKINSON, "Temporally adaptive motion interpolation exploiting temporal masking in visual perception," IEEE Trans. on Image Processing, Sept. 1994, pp. 513-526, vol. 3, no. 5			
	10	ANTHONY Y. LAN, A.G. NGUYEN, and J-N HWANG, "Scene-context-dependent reference-frame placement for MPEG video coding," IEEE Trans. on Circuits and Systems for Video Technology, Apr. 1999, pp. 478-489, vol. 9, no. 3			

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	11	XIAODONG GU and HONGJIANG ZHANG, "Implementing dynamic GOP in video encoding," in IEEE Intl. Conference on Multimedia and Expo (ICME), 2003, pp. 349-352, Baltimore	
	12	ADRIANA DUMITRAS and BARRY G. HASSELL, "I/P/B frame type decision by collinearity of displacements," in Proceedings of IEEE Intl. Conference on Image Processing, 2004	
	13	J. LEE and B.W. DICKINSON, "Scene-adaptive motion interpolation structures based on temporal masking in human visual perception," in Proc. SPIE Conference on Visual Comm. and Image Processing, 1993, pp. 499-510, Cambridge	
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	19	B-L YEO and B. LIU, "Rapid scene analysis on compressed video," IEEE Trans. on Circuits and Systems for Video Technology, Dec. 1995, pp. 533-544, vol. 5, no. 6	
	20	H.J. ZHANG, C.Y. LOW, and S.W. SMOLIAR, "Video parsing and browsing using compressed data," Multimedia Tools and Applications, Mar. 1995, pp. 89-111, vol. 1, no. 1	
	21	H.C. LIU and G. ZICK, "Automatic determination of scene changes in MPEG compressed video," in Proc. IEEE Symp. Circuits and Systems, 1995, pp. 764-767, vol. 1, Seattle	
	22	Z. CERNEKOVA, C. NIKOU, and I. PITAS, "Shot detection in video sequences using entropy-based metrics," in Proceedings of the International Conference on Image Processing, 2002, pp. 421-424, vol. 3	
	23	B. SHAHRARAY, "Scene change detection and content-based sampling of video sequences," in Digital Video Compression: Algorithms and Technologies, 1995, pp. 2-13, vol. SPIE-2419	
	24	J. BESCOS, G. CISNEROS, and J.M. Menendez, "Multidimensional comparison of shot detection algorithms," in Proceedings of the International Conference on Image Processing, 2002, pp. 401-403, vol. 2	

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